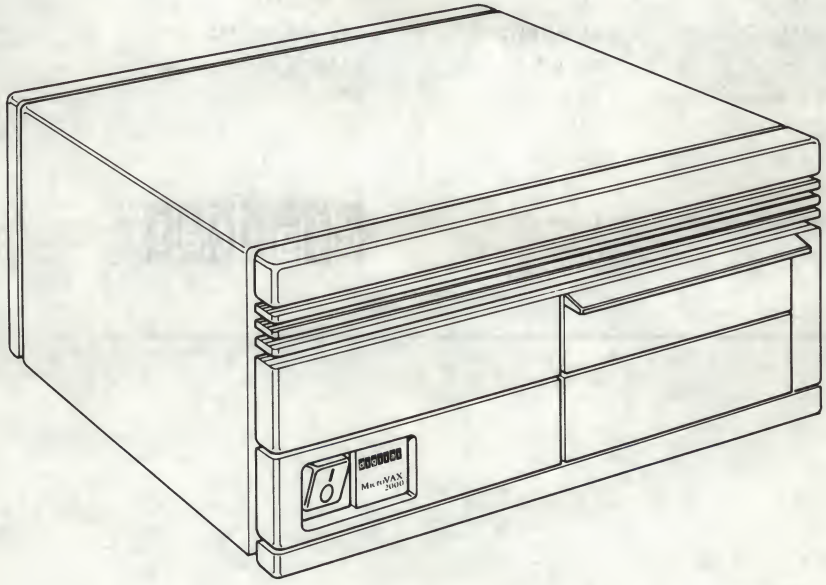
MicroVAX 2000 Installation Guide Addendum DHT32 Asynchronous Serial Line Option

Order Number EK-ASYSL-IN-001



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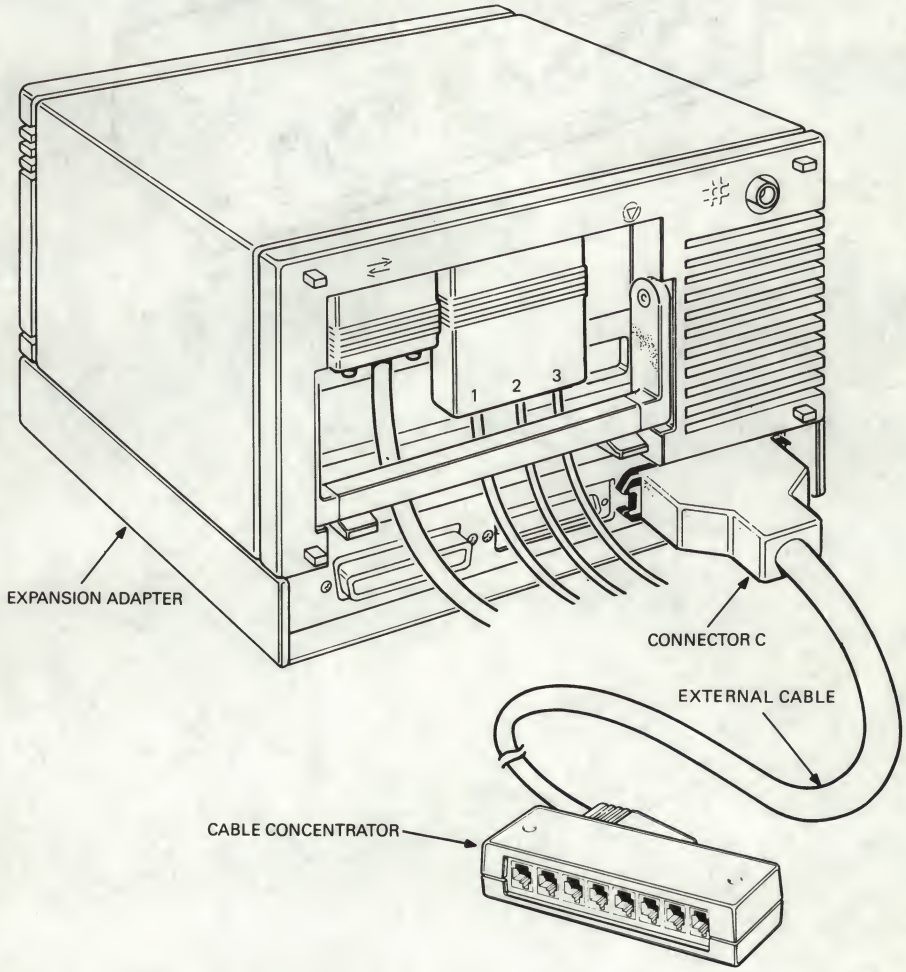
1 Introduction

The DHT32 serial line option for the MicroVAX 2000 allows up to eight additional terminals to connect to the system, thus allowing up to eight additional users access to the MicroVAX 2000. The option comprises one controller module, one driver/receiver module, internal cabling, and a connector in opening "C" on the rear of the expansion adapter. Connection of one external cable and one cable concentrator on the MicroVAX 2000, as shown below, enables the connection of additional terminals or other peripheral devices such as printers.



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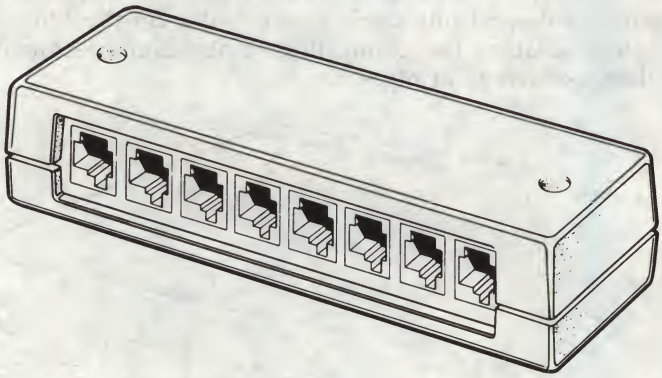
You can order a new system with this option already installed. If you want this option installed in a system already on your site, a qualified service representative must perform the installation of this option. The user may then install the external cable, cable concentrator (shown below), and additional terminals or other peripherals.



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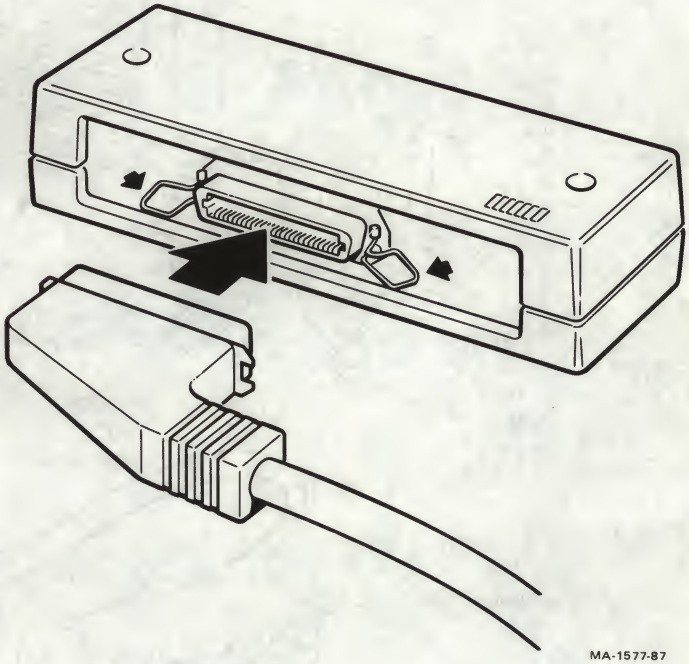
2 Installation

Complete the following sequence of steps to install the DHT32 option.

1. Power down all peripherals (terminals, expansion boxes, printer, modem) connected to the MicroVAX 2000 system unit, and power down the system unit itself.

2. Insert one end of the external cable into the back of the cable concentrator, as shown. Latch the bail locks so that they secure the cable in place.



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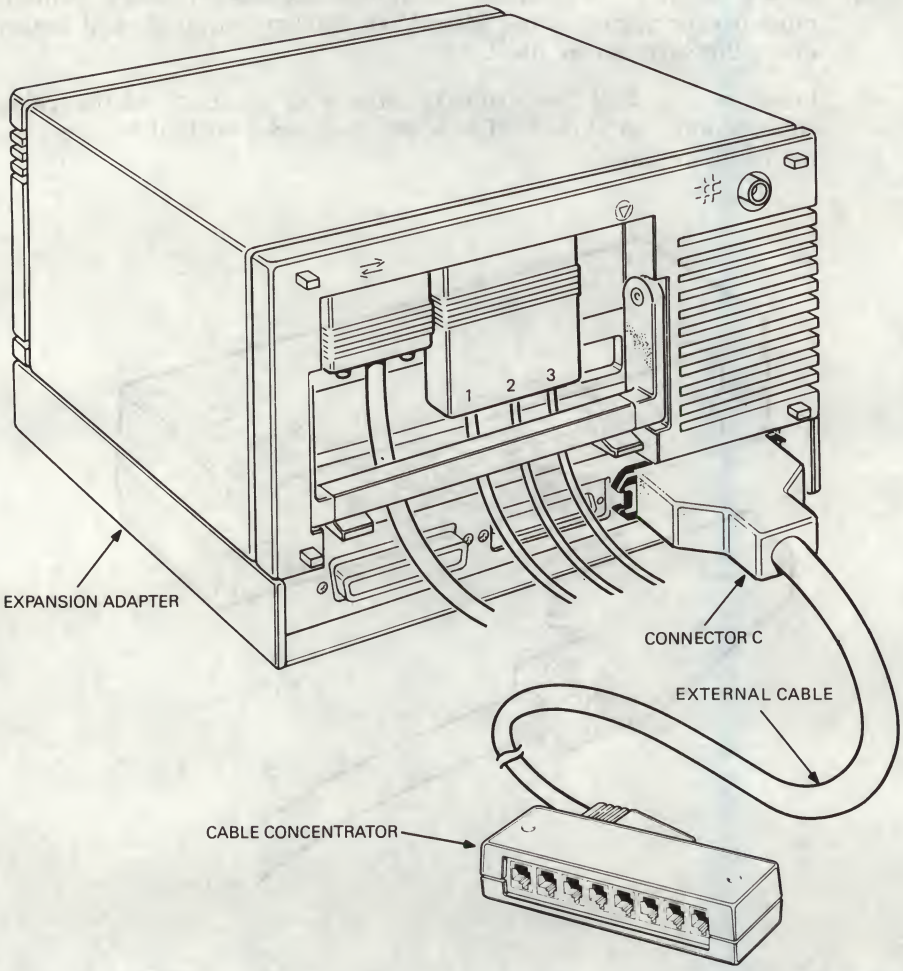
3. Insert the other end of the cable into connector "C" on the rear of the expansion adapter. Latch the bail locks so that they secure the cable in place.



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4. Insert one end of each terminal (or other peripheral device) cable into one of the keyed jacks on the cable concentrator. You can connect up to eight terminals or other peripherals.

   You may use a cable coupler (PN H8572) and additional lengths of DECconnect office cable to extend the cable to any terminal.

   If a terminal or peripheral you want to connect does not have a DECconnect telephone-type connector on the back, use a 25-pin adapter (PN H8571A) on the back of the terminal. This provides the necessary connector compatibiltity.

   After installation of the cable concentrator, your MicroVAX 2000 can accomodate up to twelve terminals. Four of the terminals connect to the rear of the system unit, as explained in the *MicroVAX 2000 Hardware Installation Guide* (EK-MVXAA-IG). The remaining eight connect to the cable concentrator.

5. Power up all terminals and peripherals connected to the system unit and to the cable concentrator.

6. Finally, power up the MicroVAX 2000 system unit.

   The console terminal (the one connected to connector 1 on the DEC423 converter on the back of the system unit) should display the following:

```
KA410-A V2.1

F_..E...D...C...B...A...9...8...7...6...5...4...3_..2_..1...

? C 0080 0000.4001
```

NOTE: *The question mark and associated letters and numbers above are a normal power-up indication in the MicroVAX 2000, and do not denote a failure.*

7. At the console prompt (>>>) type TEST 50 and press RETURN. The console terminal should display the following configuration table:

```
KA410-A  V2.1
ID 08-00-2B-02-CF-A4

   CLK        0000.0001
   NVR        0000.0001
 ? DZ         0000.4001
       00004001 00000001 00000001 00000001 00000000 00000000
   MEM        0004.0001
       00400000
   MM         0000.0001
   FP         0000.0001
   IT         0000.0001
   HDC        1710.0001
       000146B8 00000000 00000320
   TPC        0000.4001
       FFFFFF03 FFFFFF05 FFFFFF05 FFFFFF05 FFFFFF05 FFFFFF05 FFFFFF05
   SYS        0000.0001
   SLU        00FF.0001
   NI         0000.0001

 >>>
```

NOTE: *The question mark associated with the DZ mnemonic is a normal power-up indication in the MicroVAX 2000, and does not represent a failure.*

If you see the display as shown above, you have successfully completed the installation of the DHT32 option. If you do not see the above display, review this document to make sure each step has been completed. Repeat the power up and TEST 50.

If your display still does not match the one above, refer to the *MicroVAX 2000 Owner's Manual* and the *DHT32 Option Addendum to the MicroVAX 2000 Owner's Manual* for troubleshooting procedures.

If you still have problems after installing this option, call a service representative.